MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER 1954

GIORGIO CONTINO, ACTING DIRECTOR

Printed at the American Press
Beirut, Lebanon

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WEATHER BUREAU

SEPTEMBER 1954

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	59.9	59.2	58.9	59.3	30.9	24.7	28 2	28.9	26.7	27.9
2	59.0	58.6	58.8	58.8	31.3	23.9	28.4	28.4	25.6	27.5
3	58.2	57.4	57.1	57.6	31.8	23.8	28.9	31.7	26.6	29.1
4	56.6	56.1	57.1	56.6	31.6	23.6	28.4	31.1	26.0	28.5
5	57.6	57.1	57.2	57.3	31.6	23.8	28.6	30.0	25.6	28.1
6	57.4	56.3	56.4	56.7	31.8	23.6	28.1	30.6	25.8	28.2
7	56.2	55.7	56 2	56.0	31.6	24.1	28.3	30.6	26.9	28.6
8	57.0	56.4	56.9	56.8	31.0	23.7	28.3	30.2	26.1	28.2
9	57.6	57.4	58.2	57.7	31.7	24.0	28.7	30.7	26.3	28.6
10	58.6	57.5	57.3	57.8	30.9	23.8	28.9	30.7	25.9	28.5
11	56.3	55.7	55.6	55.9	32.5	23.3	28.2	32.2	26.3	28.9
12	55.9	55.5	56.2	55.9	31.9	23.3	27.9	31.9	25.9	28.6
13	57.5	57.1	57.8	57.5	31.8	23.6	27.8	31.7	25.8	28.4
14	58.1	57.6	57 6	57.8	31.4	23.7	27.8	31.3	25.6	28.2
15	56.5	55.3	55.6	55.8	31.3	24.3	28.1	31.0	26.2	28.4
16	55.1	55.1	55.8	55.3	31.7	23.9	28.9	30.3	26.4	28.5
17	55.5	55.7	56.4	55.9	30.5	22.8	28.1	30 0	25.9	28.0
18	57.7	57.5	58.7	58.0	30.8	22.8	27.8	30.6	25.0	27.8
19	60.0	59.2	59.9	59.7	30.5	23.2	27.2	29.4	24.4	27.0
20	60.6	59.7	60.2	60.2	29.7	24.4	27.2	29.2	26.1	27.5
21	60.2	59.3	59.7	59.7	30.8	23.7	27.8	30.2	25.6	27.9
22	58.6	58.0	58.1	58.2	30.9	24.9	28.1	30.0	26.4	28.2
23	58.9	58.3	58.8	58.7	31.0	23.9	28.3	29.8	26.2	28.1
24	58.9	57.7	57.4	58 0	30.2	24.5	27.3	29 7	26.7	27.9
25	57.8	57.0	57.4	57.4	31.6	24.0	28.2	31.3	25.7	28.4
26	57.4	57.4	58.2	57.7	29.0	21.9	27.7	28.4	24.1	26.7
27	58.9	58.4	59.0	58.7	29.2	21.9	26.2	28.3	23.4	26.0
28	59.9	59.9	60.6	60.1	30.2	22.5	26.4	28 9	24.8	26.7
29	61.0	59.7	59.8	60.2	28.3	23.1	26.1	27.7	25.0	26.3
30	59.2	58.3	58.3	58.6	29.5	22.9	26.3	29.3	25.4	27.0
31										
	58.07	57.47	57.84	57.80	30.90	23.59	27.87	30.14	25.75	27.92

Barometer, range for month 761.0 mm. — 755.1 mm.
„ 71-yr. average for month 758.74 mm.
Thermometer, range for month 32.5°C — 21.9°C
„ 71-yr. average for month 27.21°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 6.19 mm.
„ Total, Sept. 1st. to end of month 0.00
„ 71-yrs. average. Sept. 1st. to end of month 6.19 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	24.0	24.2	24.6	24.3	63	60	70	64	3.1	27.0	
2	21.2	21.9	20.2	21.1	56	57	62	58	6.2	100.0	
3	18.8	21.3	21.9	20.7	47	46	62	52	9.5	119.0	
4	20.6	21.7	21.1	21.1	53	48	62	54	9.7	137.0	
5	19.3	23.3	22.1	21.6	51	55	67	58	10.1	32.0	
6	21.0	24.3	23.5	22.9	57	55	71	61	10.4	31.0	
7	22.6	22.9	20.6	22.0	58	52	60	57	9.9	97.0	
8	22.6	22.0	22.4	22.3	58	52	66	59	10.1	23.0	
9	20.1	25.0	21.1	22.1	51	58	63	57	10.1	16.0	
10	23.5	27.2	25.1	25.8	59	62	74	65	10.1	6.0	
11	23.3	25.2	25.7	24.7	60	53	76	63	10.0	53.0	
12	25.1	27.1	25.7	26.0	67	58	76	67	10.1	101.0	
13	23.7	25.6	24.8	24.7	64	55	77	65	9.7	43.0	
14	25.1	23.2	23.5	23.9	67	52	72	64	9.4	134.0	
15	24.0	25.3	25.1	24.8	61	57	74	64	8.9	290.0	
16	24.2	26.2	23.0	24.5	61	62	70	64	9.4	327.0	
17	22.4	24.8	23.7	23.6	61	58	70	63	9.1	290.0	
18	23.0	23.6	22.6	23.1	62	53	71	62	9.6	90.0	
19	21.5	23.8	22.4	22.6	59	57	74	63	9.5	34.0	
20	22.1	24.5	26.5	24.4	60	60	78	66	9.6	237.0	
21	23.7	23.3	24.8	23.9	64	55	76	65	9.7	85.0	
22	23.0	26.9	27.2	25.7	63	63	81	69	9.5	179.0	
23	25.4	28.4	27.9	27.2	66	68	83	72	9.4	209.0	
24	25.6	28.1	28.9	27.5	72	78	83	75	9.3	286.0	
25	28.3	26.1	25.5	26.6	73	57	77	69	9.0	132.0	
26	22.4	18.6	16.6	19.2	60	49	57	55	8.9	314.0	
27	19.8	19.3	18.3	19.1	59	50	64	58	9.1	175.0	
28	20.4	20.8	21.2	20.8	62	53	67	61	8.3	61.0	
29	21.1	23.7	24.6	23.1	62	64	78	68	9.5	327.0	
30	20.4	25.2	26.2	23.9	60	61	80	67	9.4	134.0	
31											
	22.61	24.12	23.56	23.44	60.5	56.7	71.4	62.8	9.22	136.30	

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10st	10st	10st	10.0	1w	1w	1w	light	
2	1cu-st	10st	7st	6.0	1w	1w	1w	,,	
3	9cu-st	1cu-st	9st	6.3	1sw	2w	1w	,,	
4	3cu-st	0	5cu-st	2.7	1sw	2sw	1sw	,,	
5	0	1cu	0	0.3	1sw	1n w	1nw	,,	
6	0	1cu	0	0.3	1sw	1nw	1nw	light	
7	0	0	9cu-st	3.0	1sw	1n	1ne	,,	
8	0	0	0	0.0	1ne	1n	1n	,,	
9	0	0	0	0.0	1sw	1n	1n	,,	
10	0	0	0	0.0	1w	1n	1n	,,	
11	0	0	0	0.0	1n	1nw	1nw	light	
12	0	2st	0	0.7	1sw	1w	1w	,,	
13	0	0	9cu-st	3.0	1sw	1w	1w	,,	
14	3cu-st	3cu-st	0	2.0	1sw	1w	1sw	,,	
15	4cu-st	8cu-st	2cu-st	4.7	2sw	2sw	1sw	,,	H., all day
16	0	5cu-st	6st	3.7	2sw	2sw	2sw	light	H., all day
17	0	4cu-st	0	1.3	2sw	2sw	1sw	,,	H., a.m.
18	1cu	0	0	0.3	2sw	2sw	1sw	,,	H., a.m.
19	1cu	4cu-st	0	1.7	1sw	1nw	1nw	,,	
20	1cu	0	0	0.3	1e	2n	1n	,,	
21	0	0	0	0.0	1nw	1n	1ne	light	
22	0	0	0	0.0	1sw	1ne	1ne	,,	
23	0	0	0	0.0	1ne	2ne	1ne	,,	
24	0	0	0	0.0	2n	3n	1ne	,,	
25	6cu-st	1cu	0	2.3	1s	1w	1sw	,,	
26	9cu-st	1cu	6st	5.3	2sw	3sw	1sw	slight	
27	3cu-st	6cu-st	0	3.0	2sw	2sw	1sw	light	
28	4cu-st	9cu-st	10st	7.7	1sw	1sw	1sw	,,	
29	0	0	0	0.0	1ne	2ne	2ne	,,	
30	0	0	0	0.0	1n	1n	1ne	,,	
31									
	mean			2.15					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew. W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	3	3	1	0	1	18	3	1	0	30
14:30	8	3	0	0	0	8	7	4	0	30
20:30	4	7	0	0	0	10	5	4	0	30
Total	15	13	1	0	1	36	15	9	0	90

Number of days with rain 0, fog 0, thunderstorms 0, gale. 0

71 yr. av. number of days with rain during month 1.13